

1/37

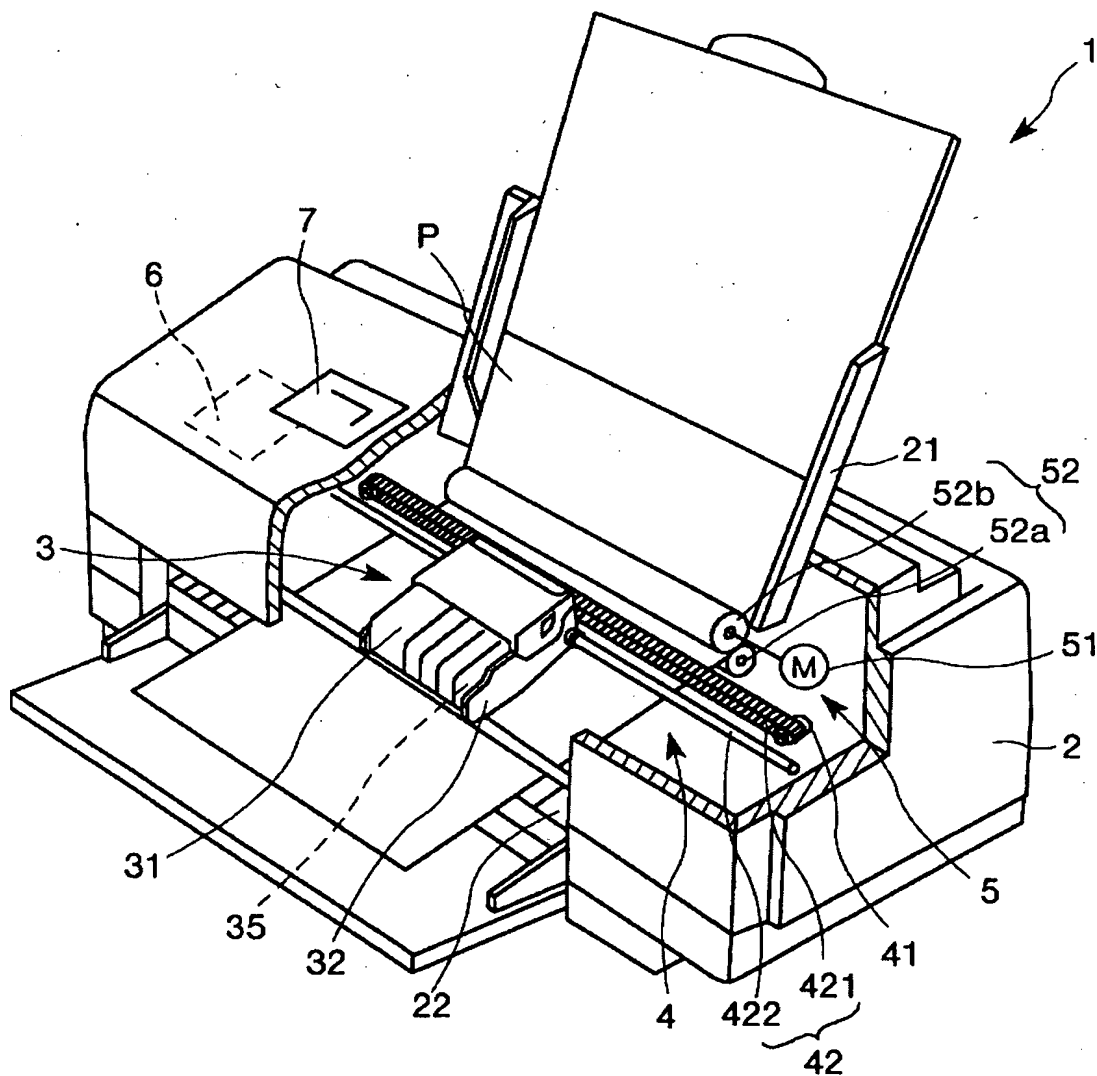


Fig. 1

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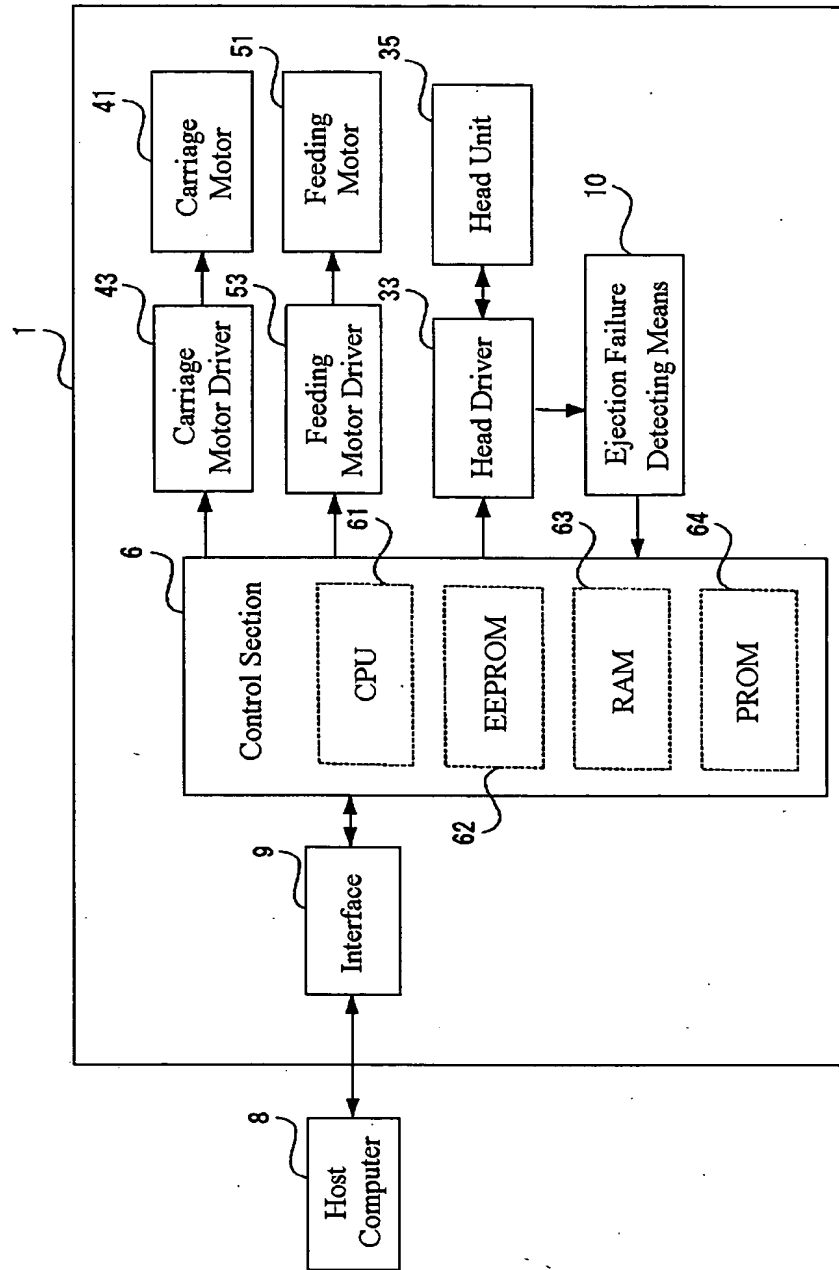


Fig. 2

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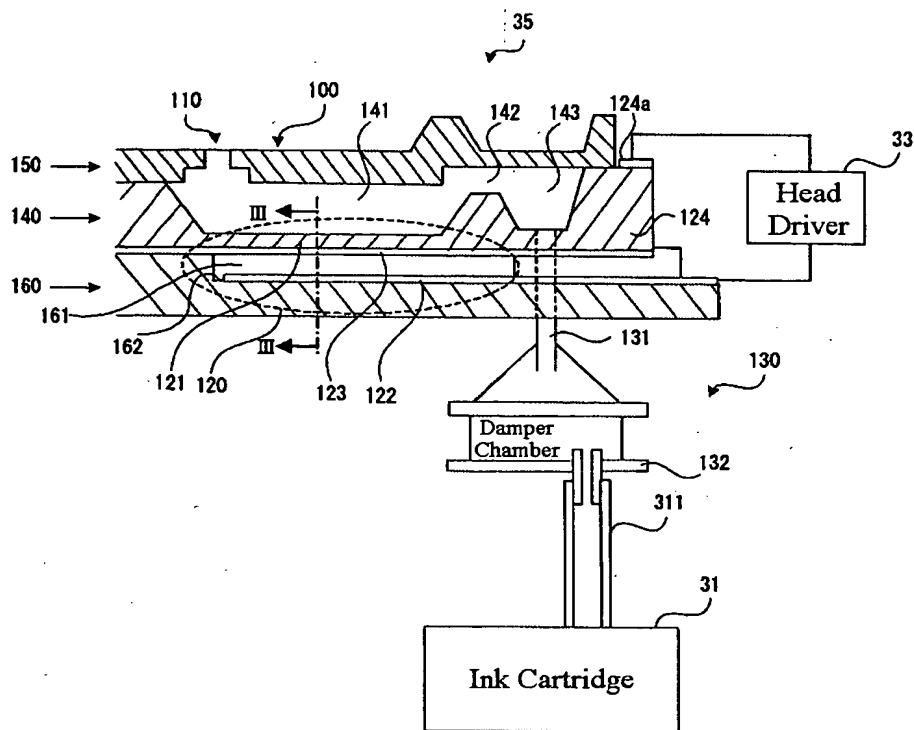


Fig. 3

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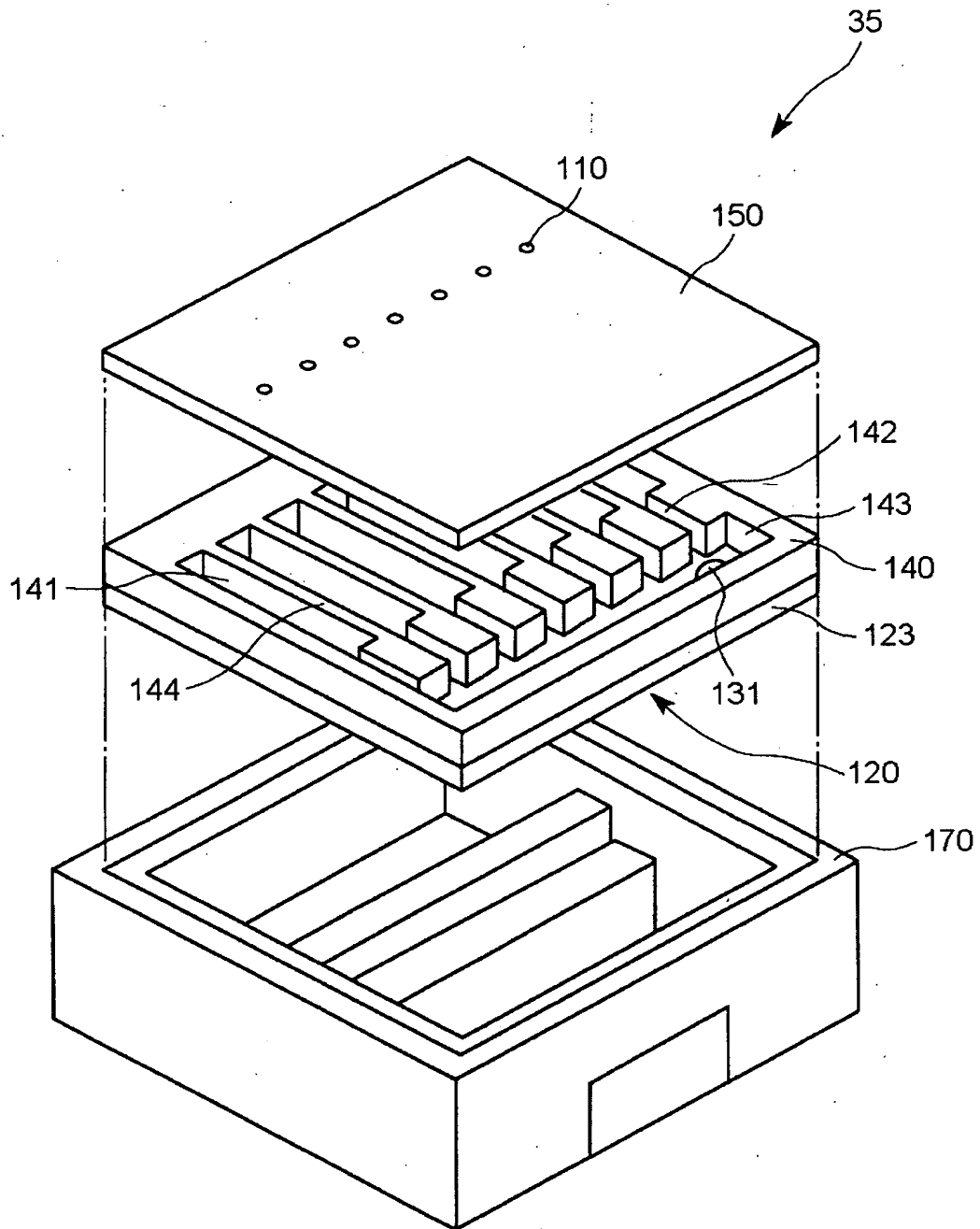


Fig. 4

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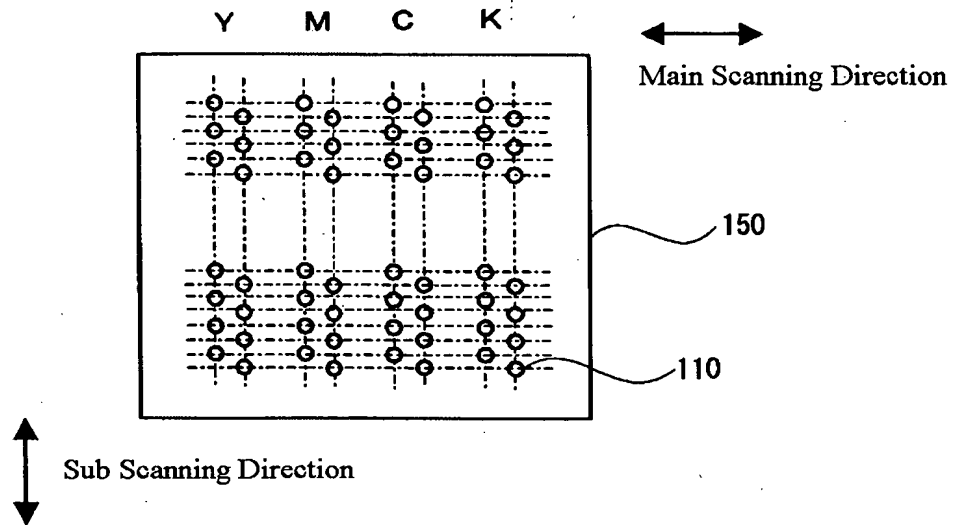


Fig. 5

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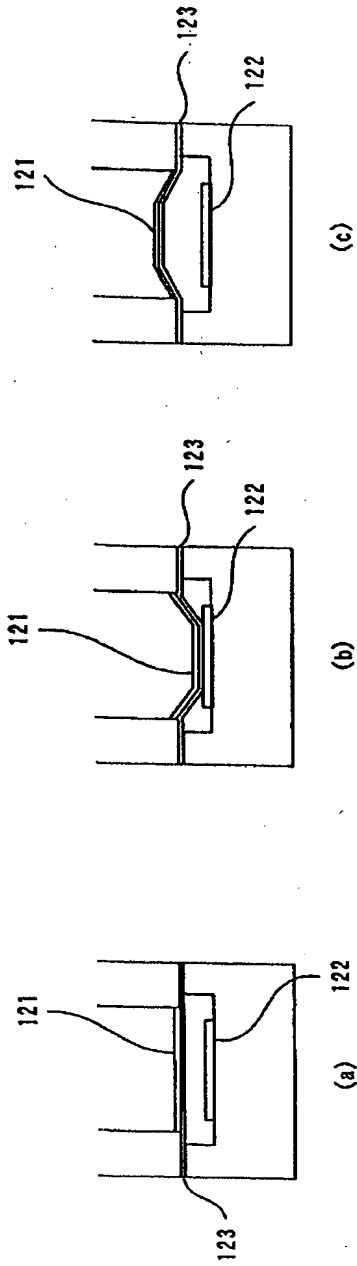


Fig. 6

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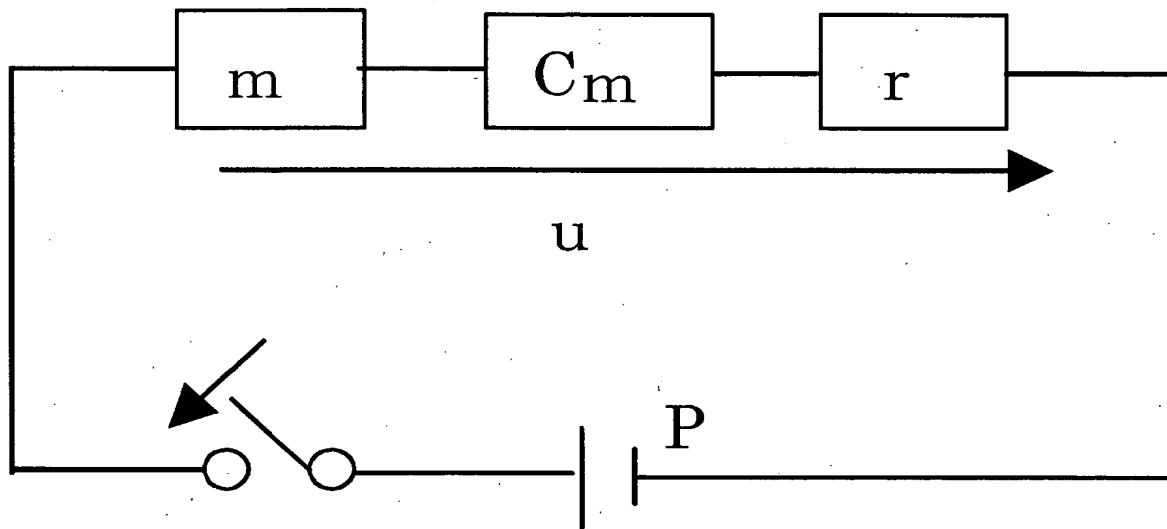


Fig. 7

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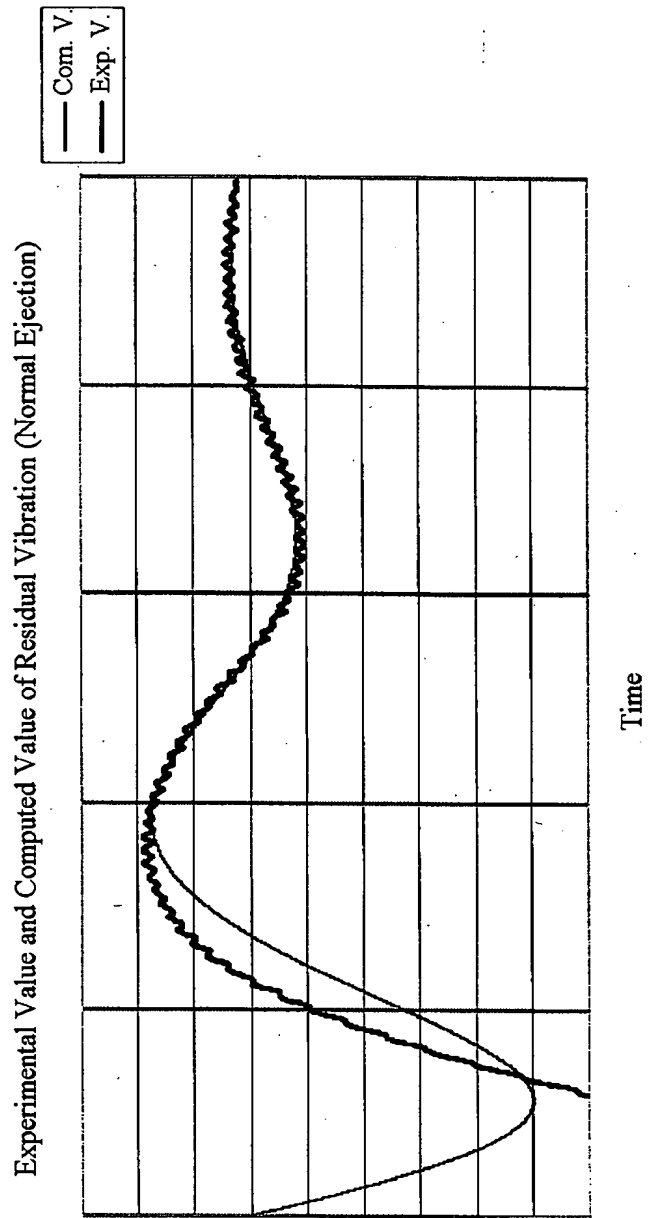


Fig. 8



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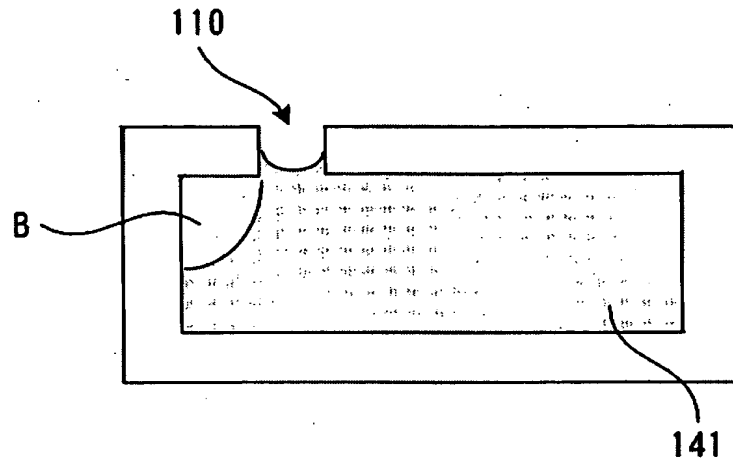


Fig. 9

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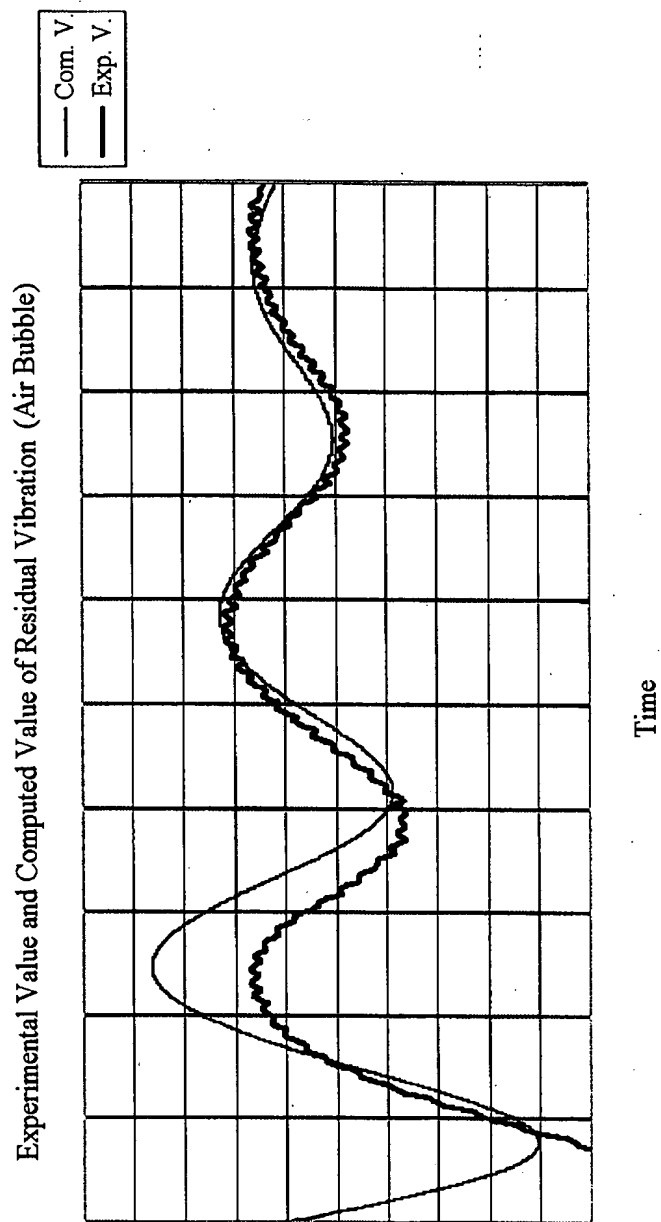


Fig. 10

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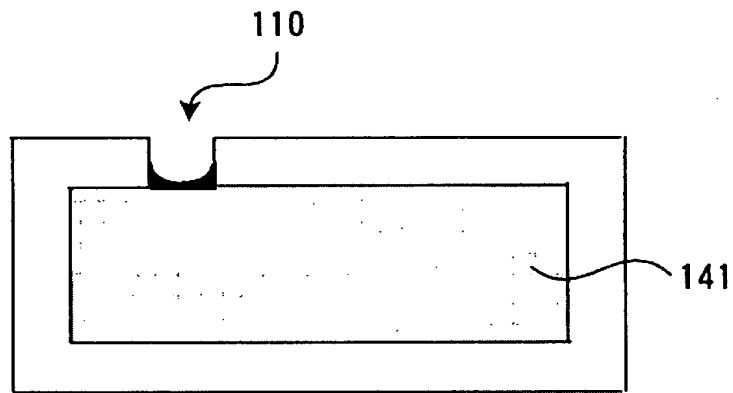


Fig. 11

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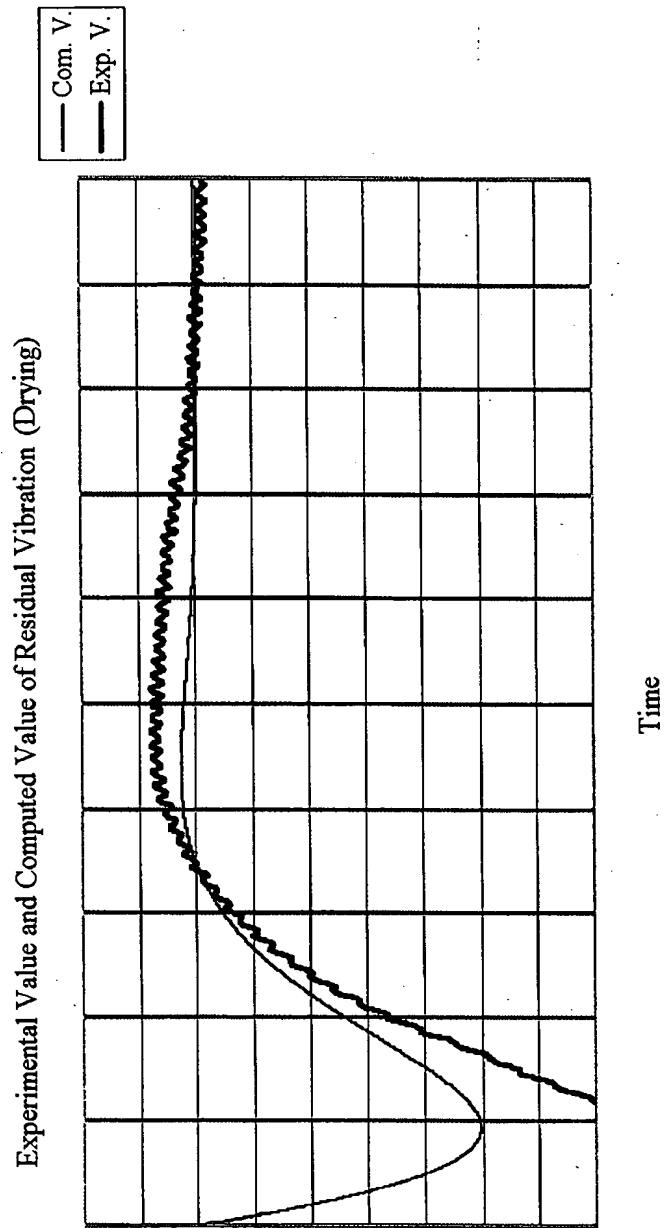


Fig. 12

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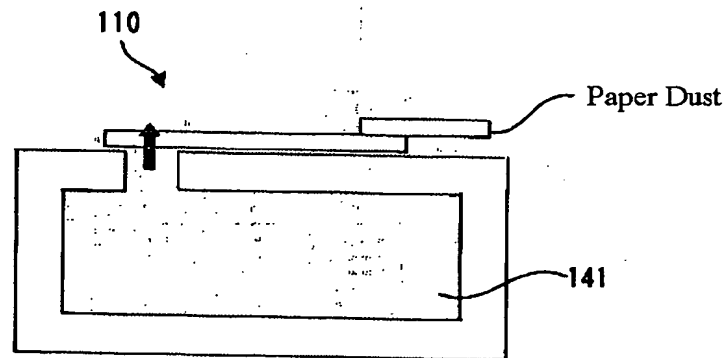


Fig. 13

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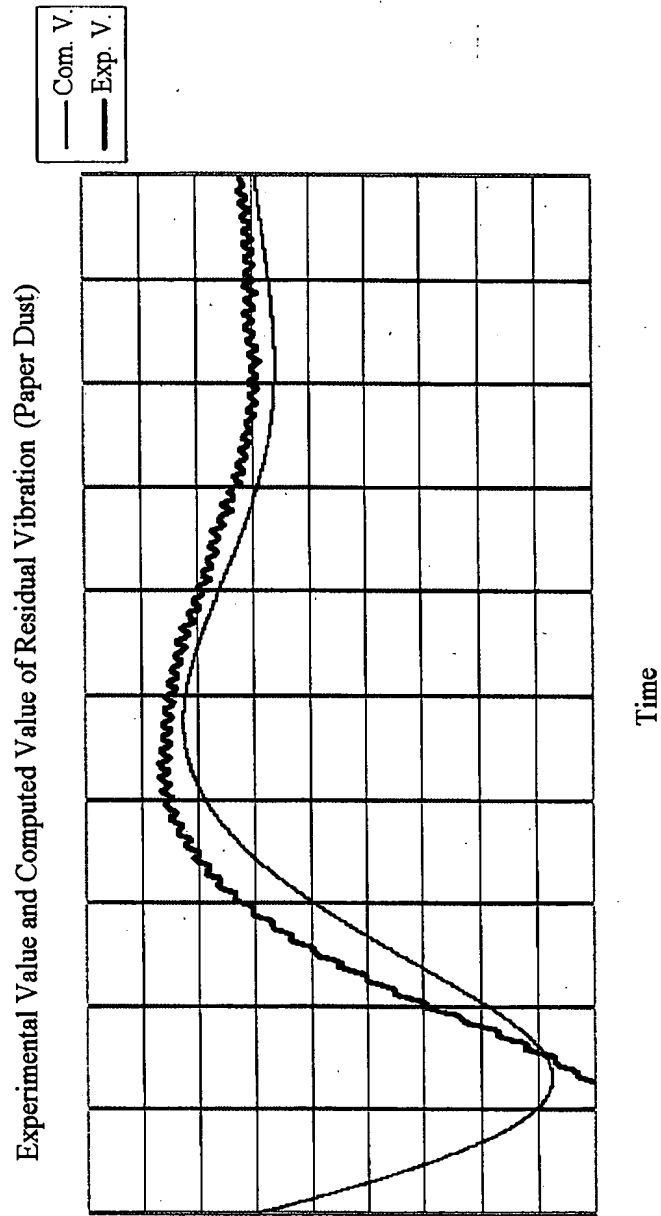


Fig. 14

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(a) Before Adhesion of Paper Dust (b) After Adhesion of Paper Dust

Fig. 15

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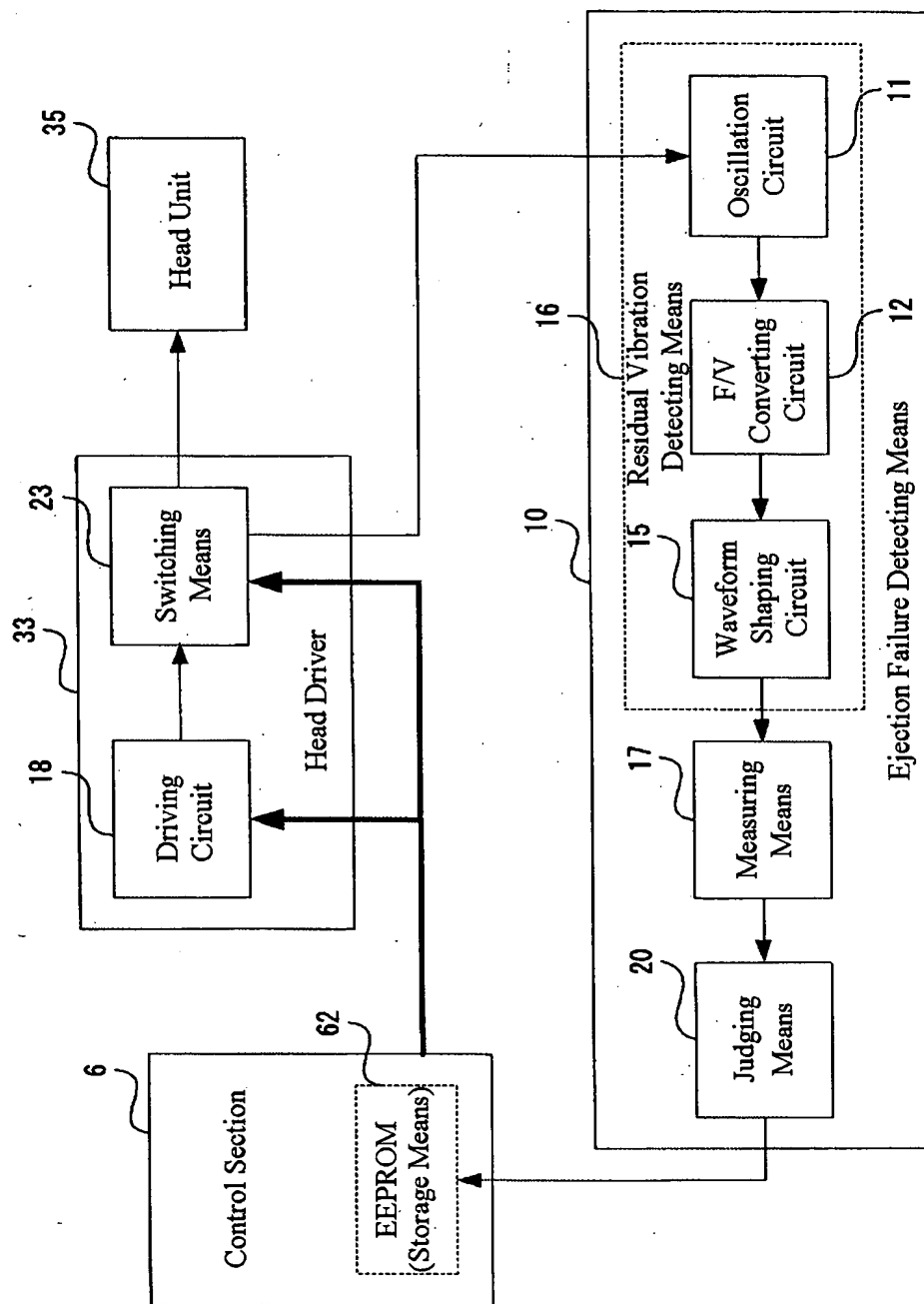


Fig. 16



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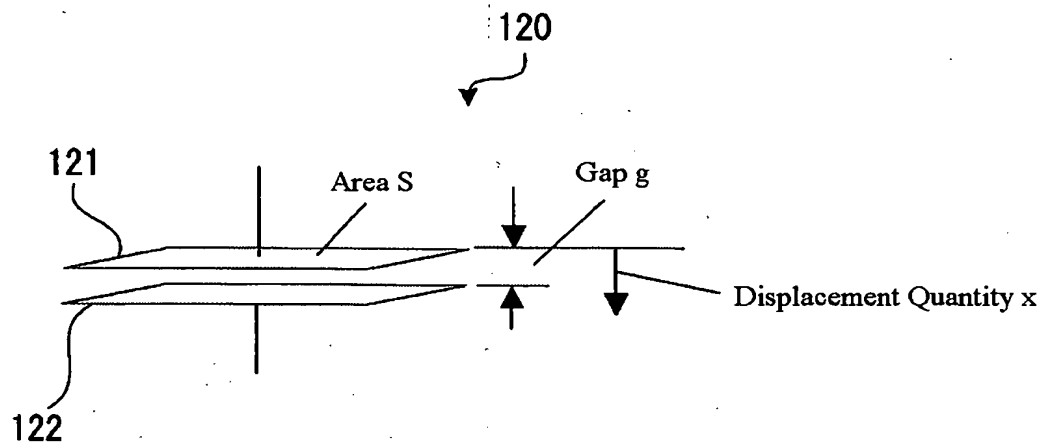


Fig. 17

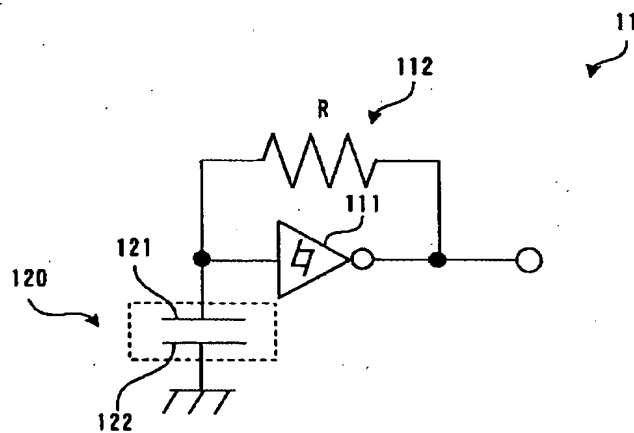


Fig. 18

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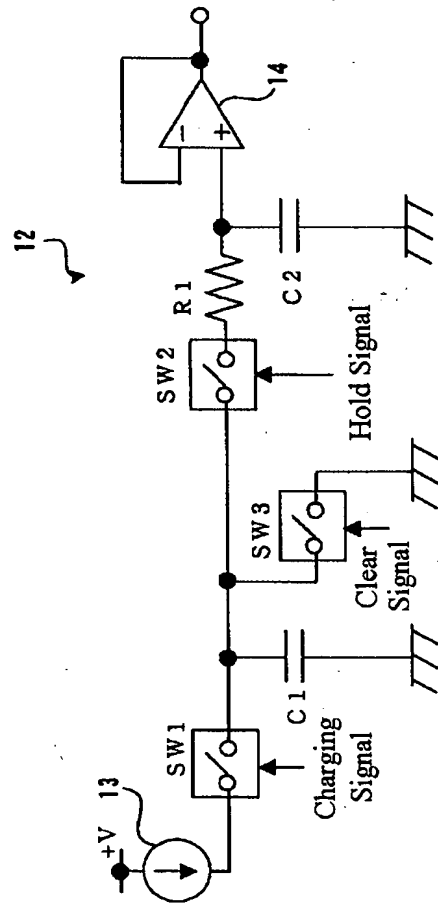


Fig. 19

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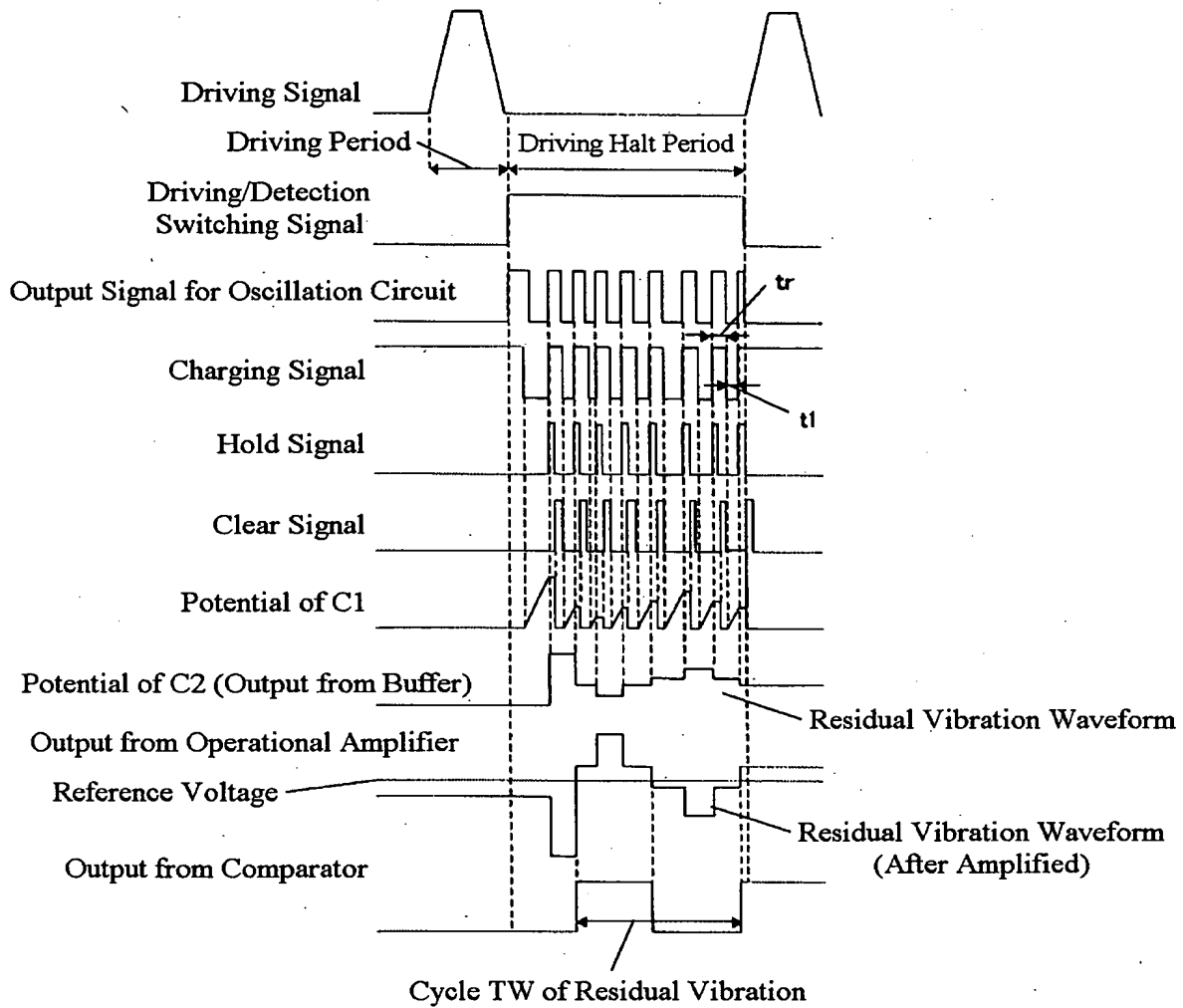


Fig. 20

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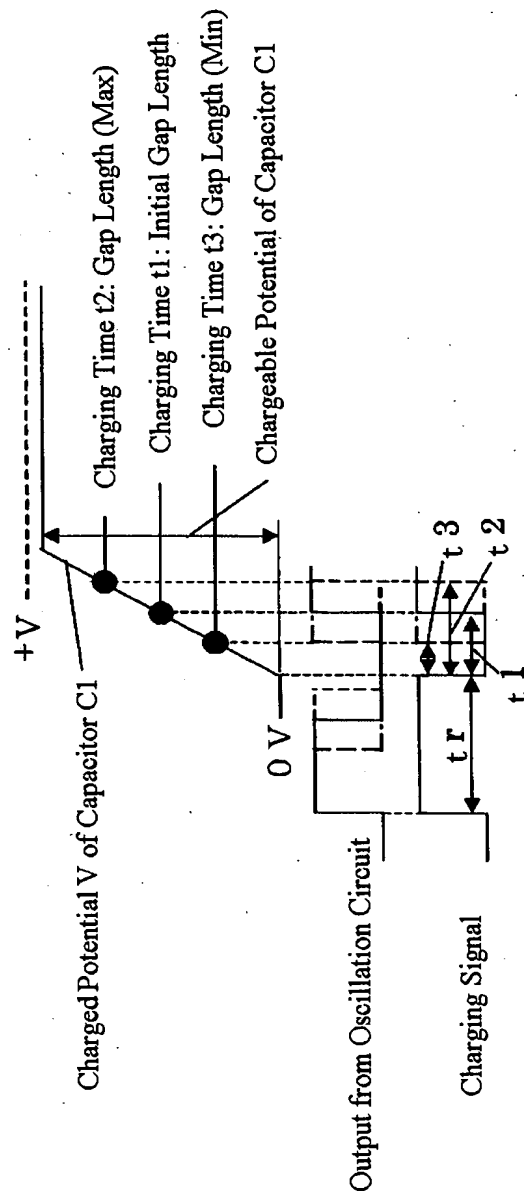


Fig. 21

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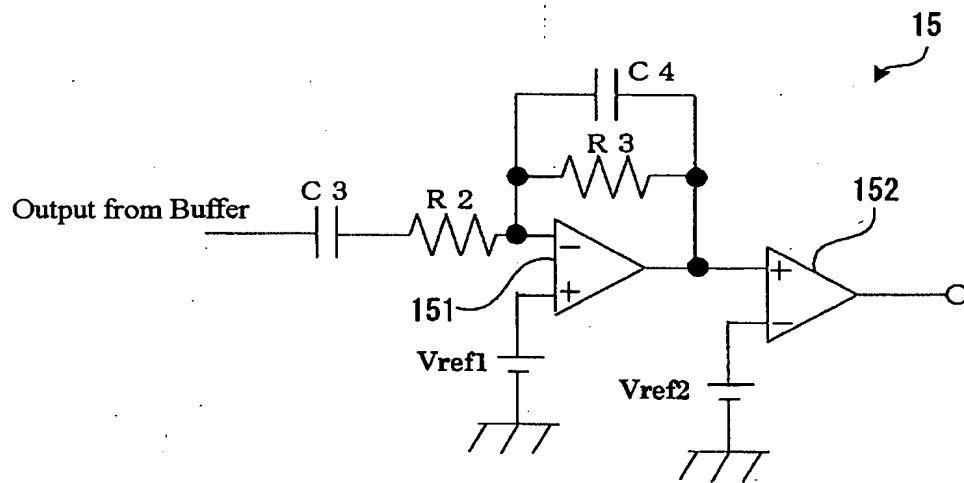


Fig. 22

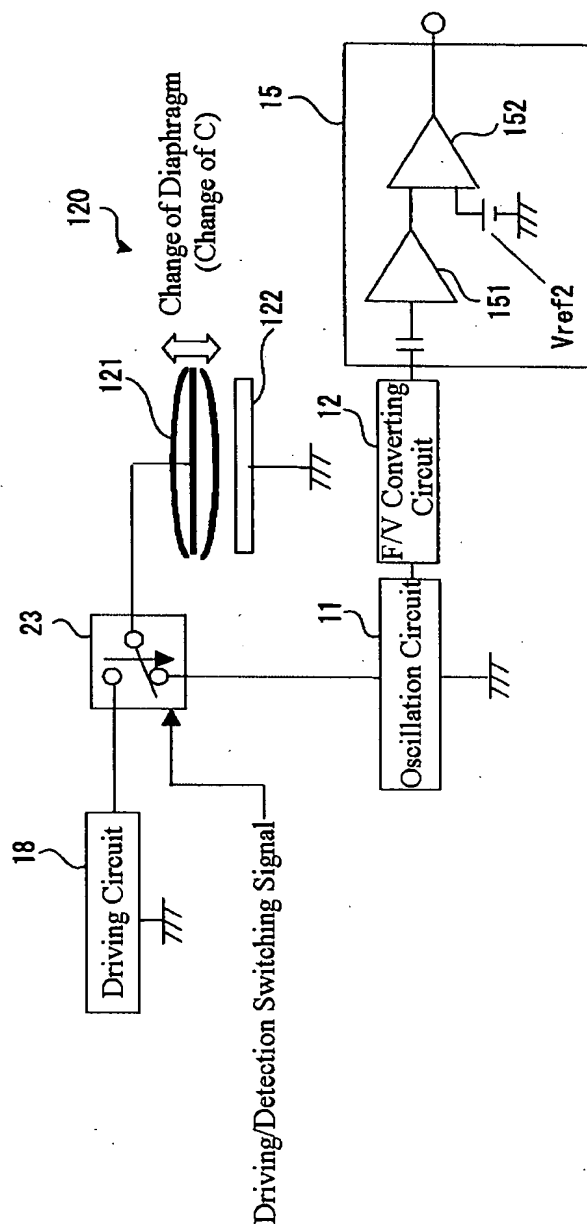


Fig. 23

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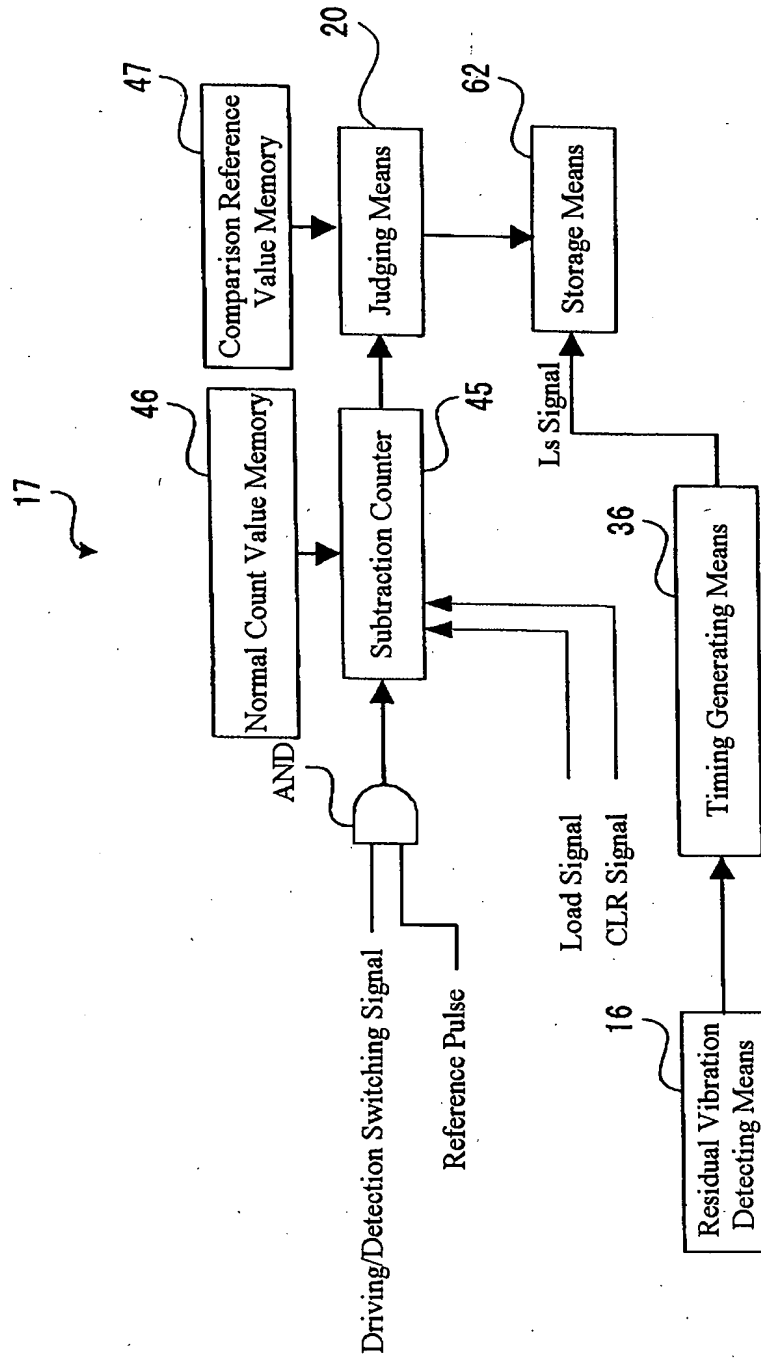


Fig. 24

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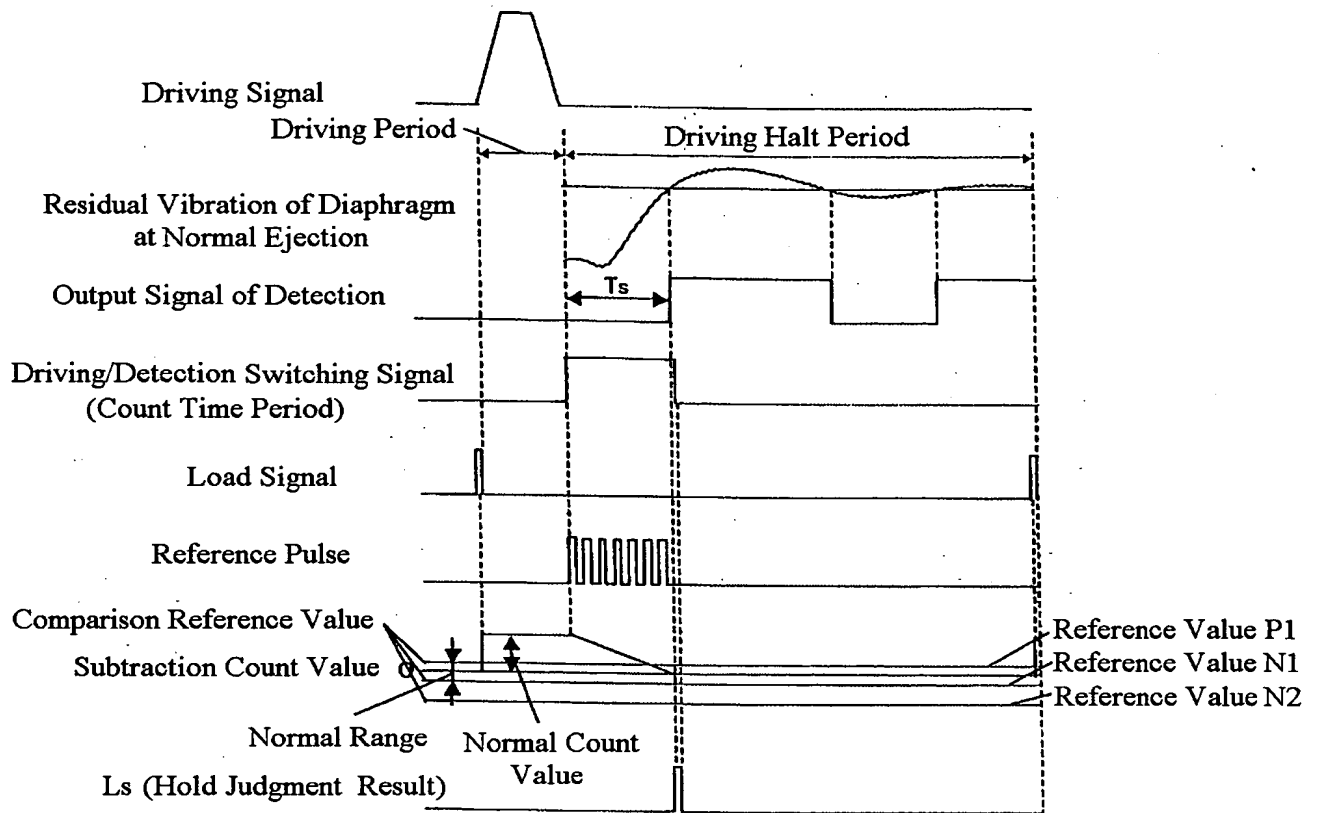


Fig. 25



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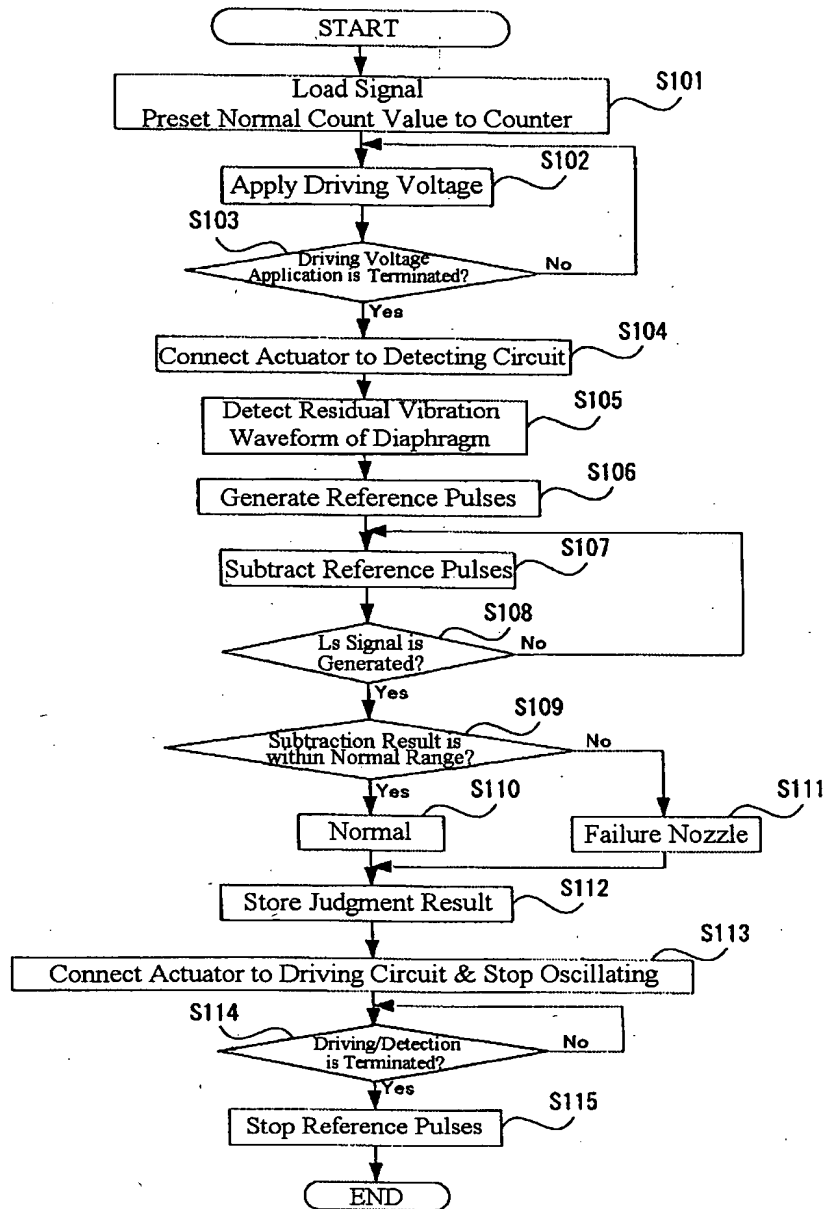


Fig. 26

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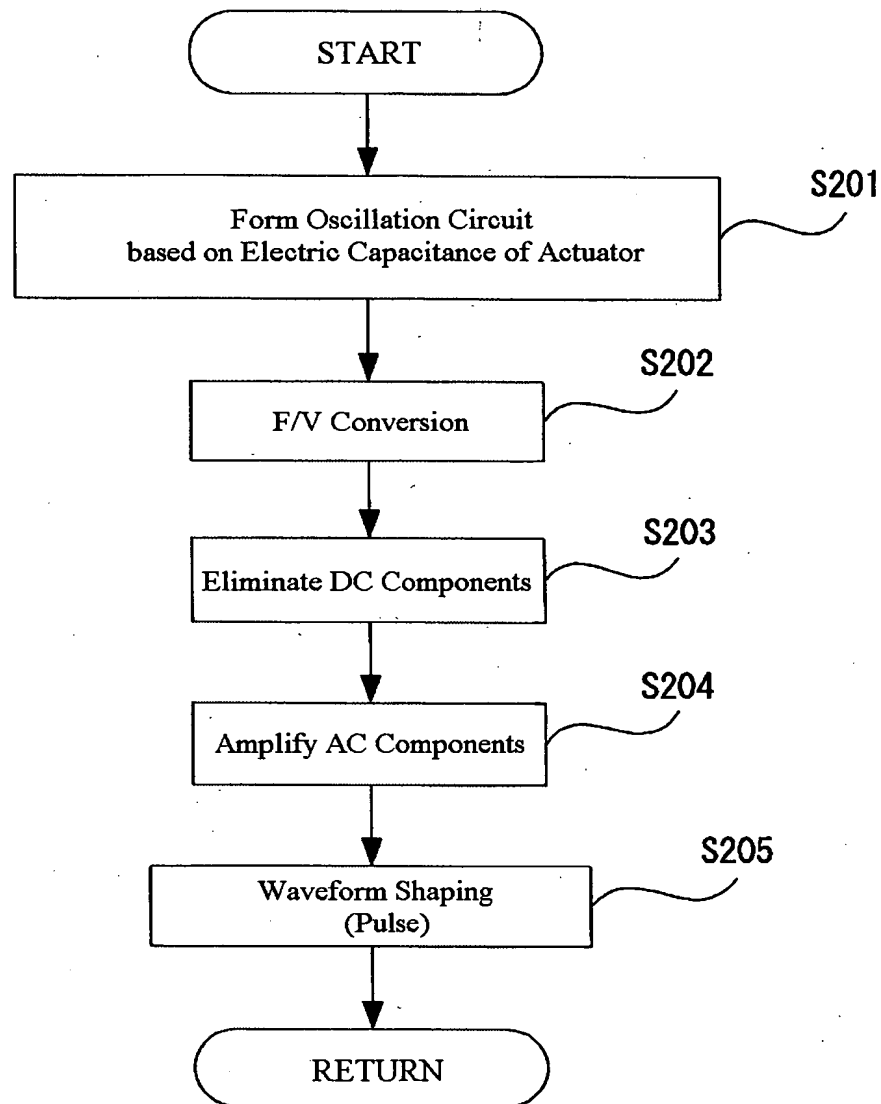


Fig. 27

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Table 1 (Example of Judgment of Cause of Ejection Failure)

	Reference Value P1	Reference Value N1	Reference Value N2
Normal Ejection	0	0	0
Drying	0	1	1
Adhesion of Paper Dust	0	1	0
Intrusion of Air Bubble	1	0	0

Fig. 28

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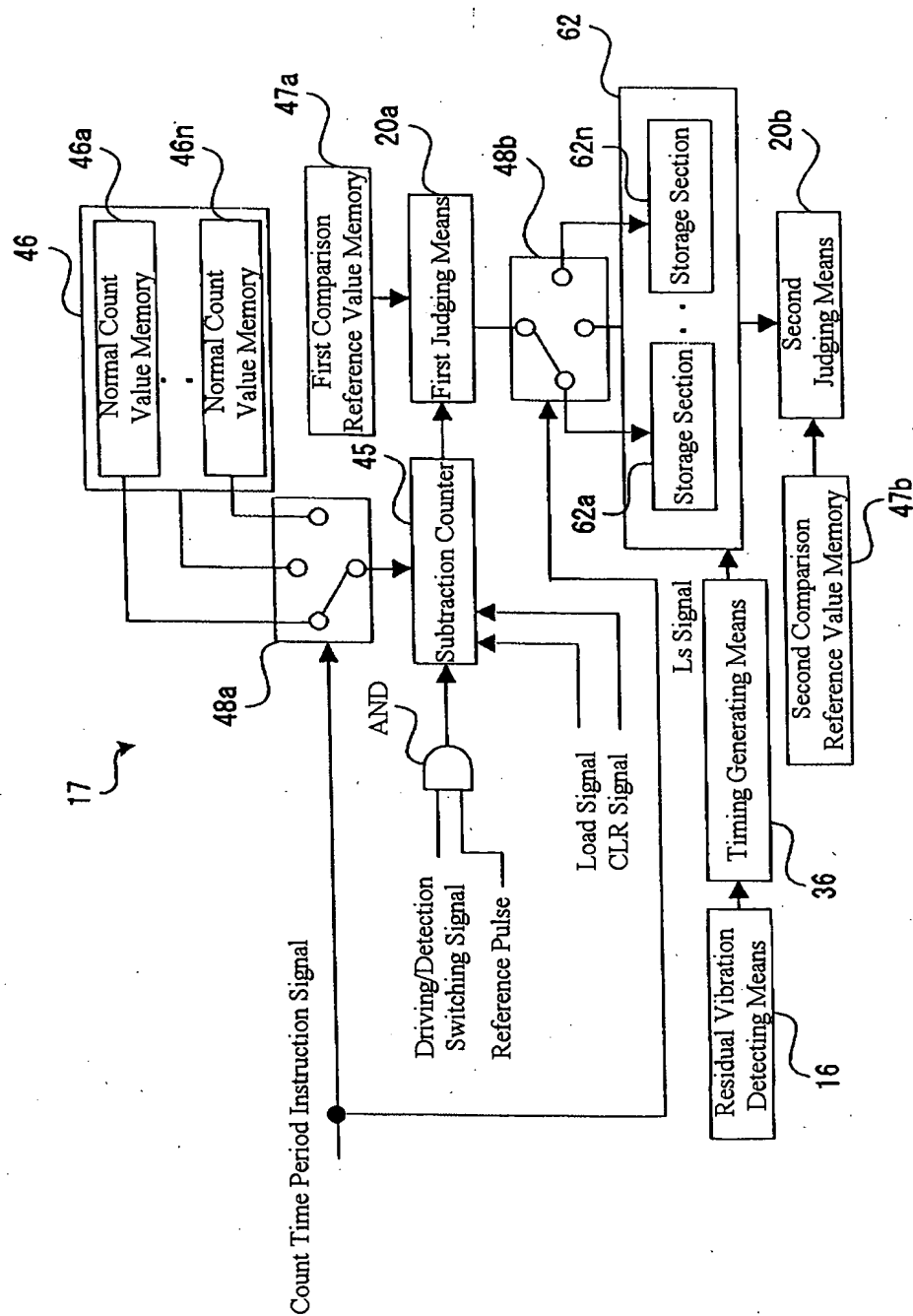


Fig. 29

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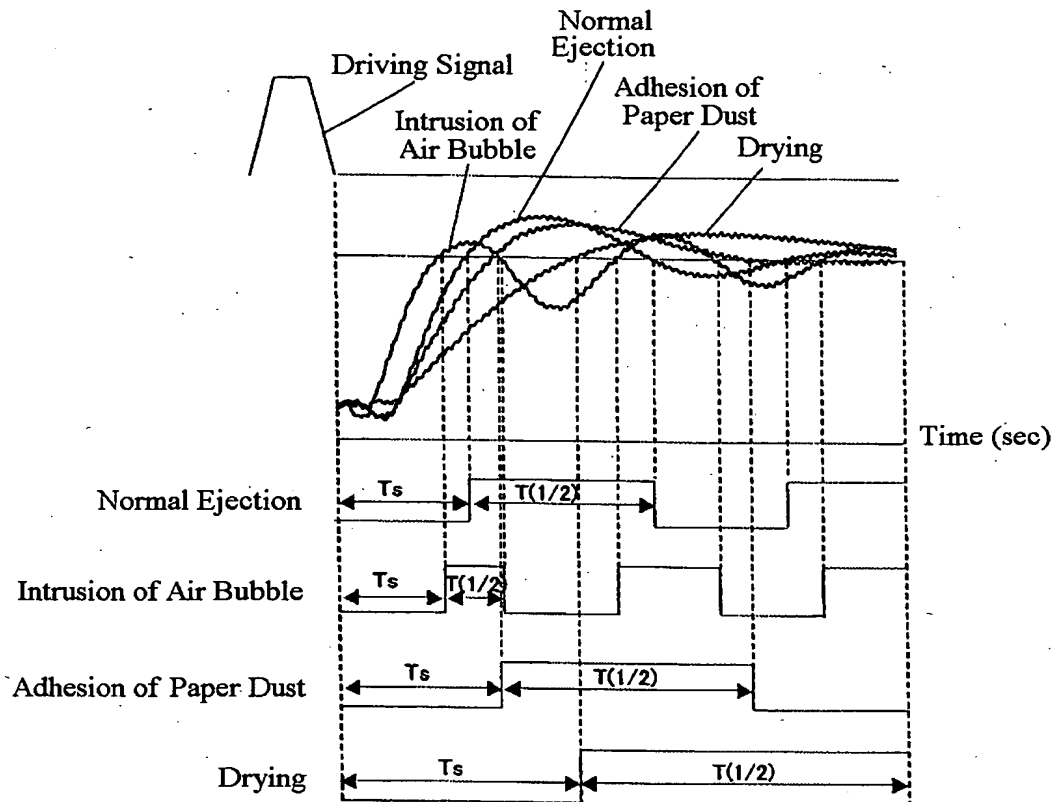


Fig. 30

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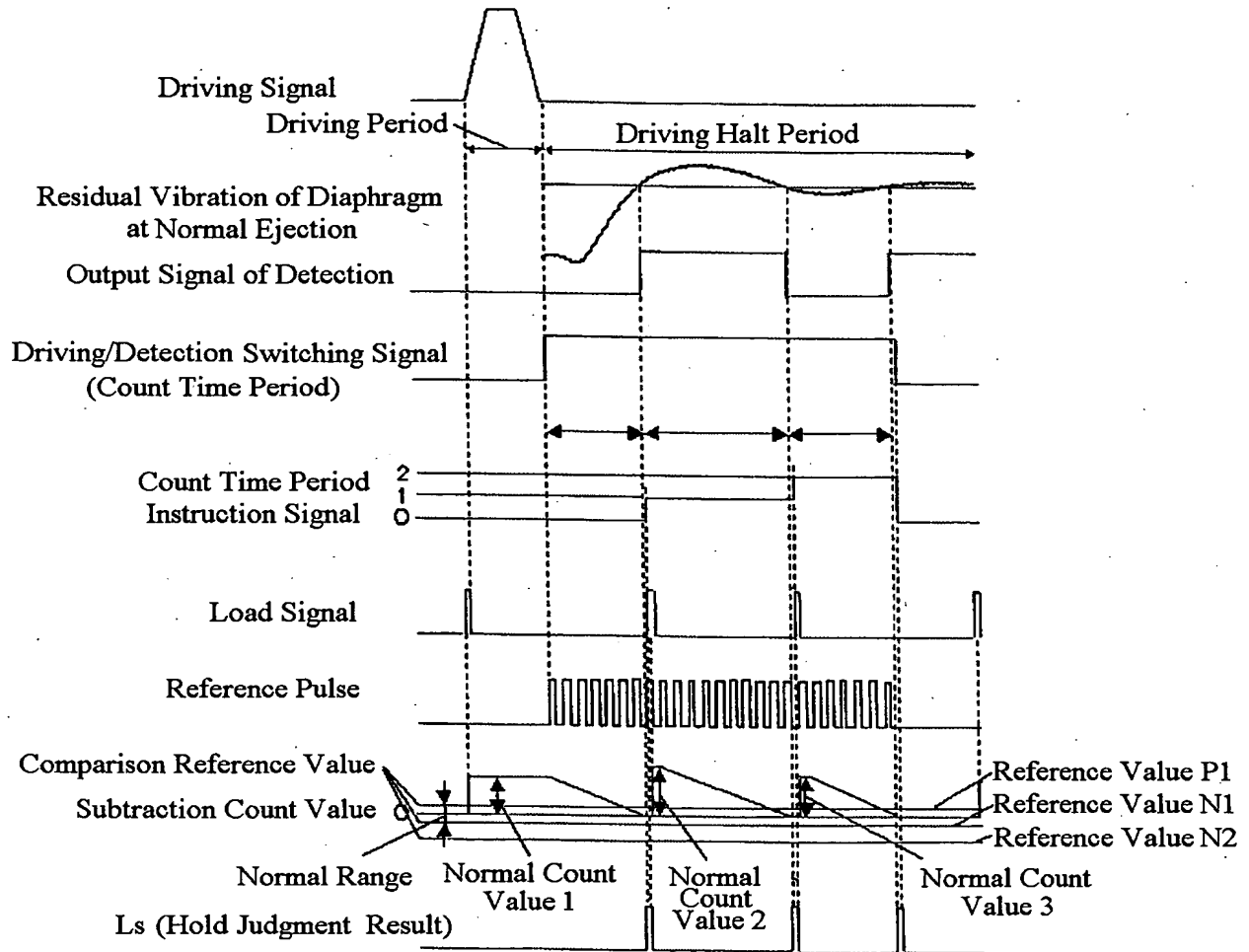


Fig. 31

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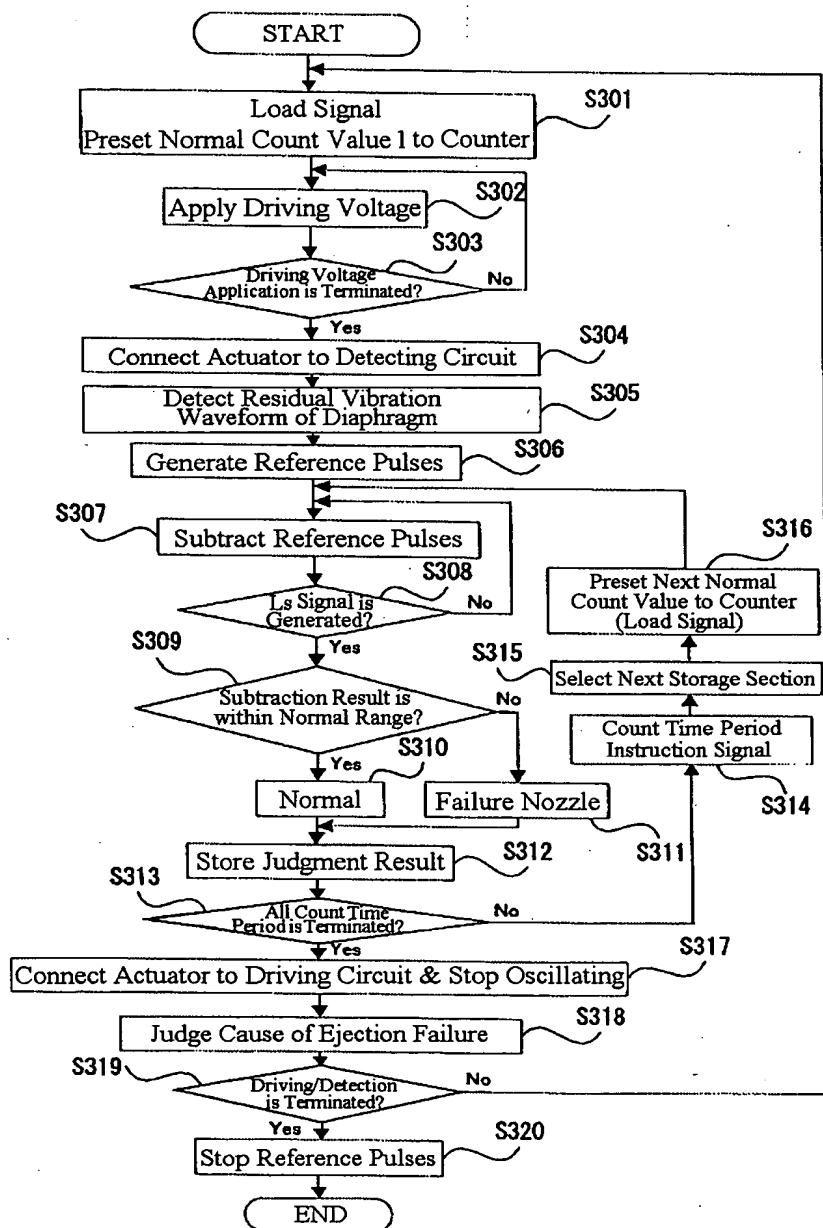


Fig. 32

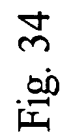
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Table 2 (Example until 1/2 Cycle)

	Ts	T (1/2)
Normal Ejection	0 0 0	0 0 0
Drying	0 1 1	0 1 1
Adhesion of Paper Dust	0 1 0	0 1 0
Intrusion of Air Bubble	1 0 0	1 0 0

Fig. 33





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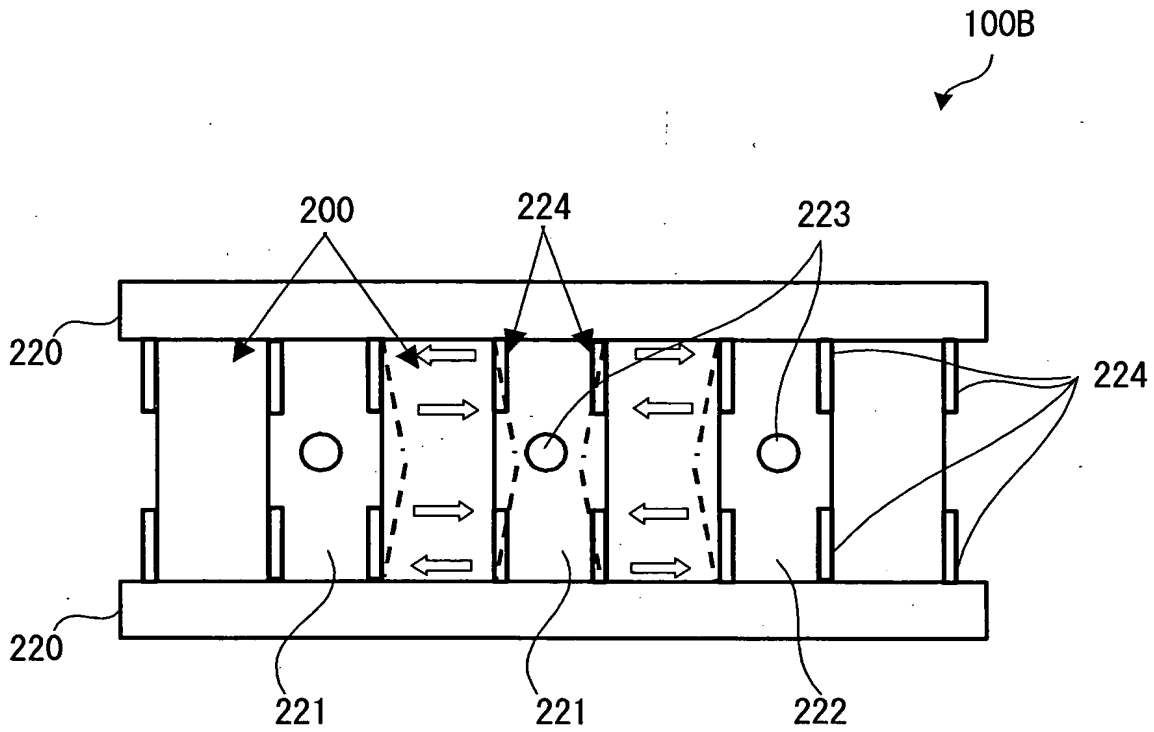


Fig. 35

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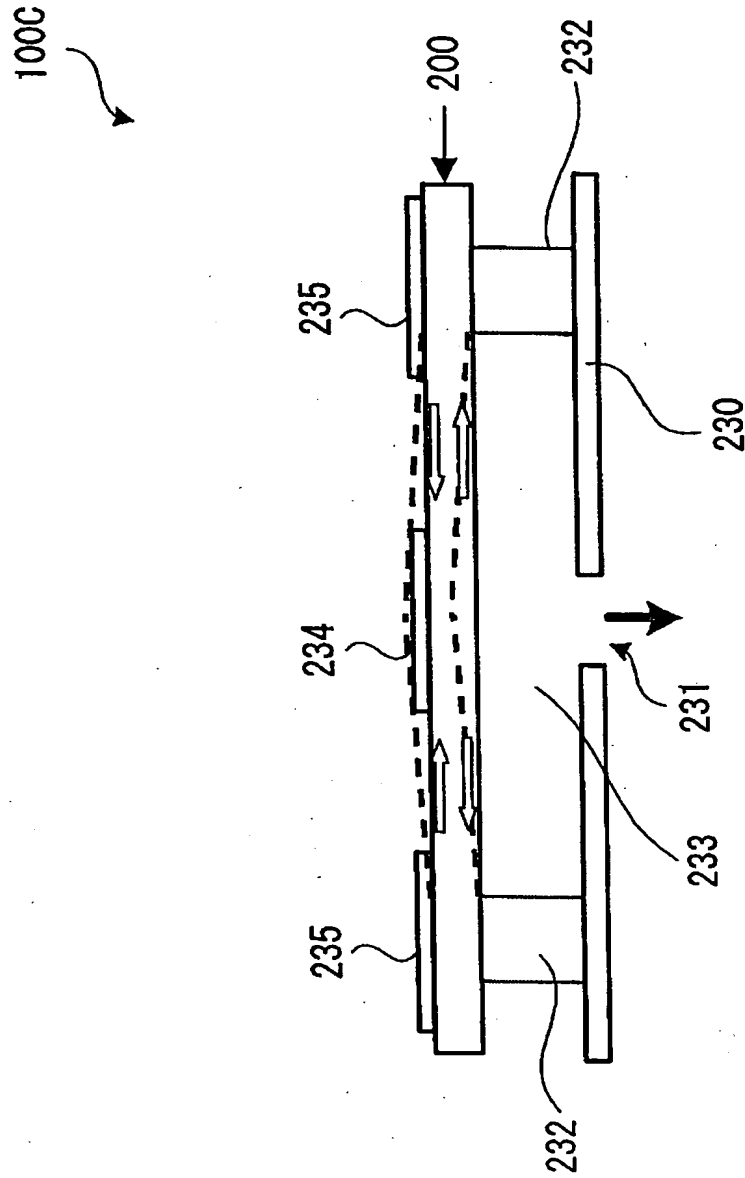


Fig. 36

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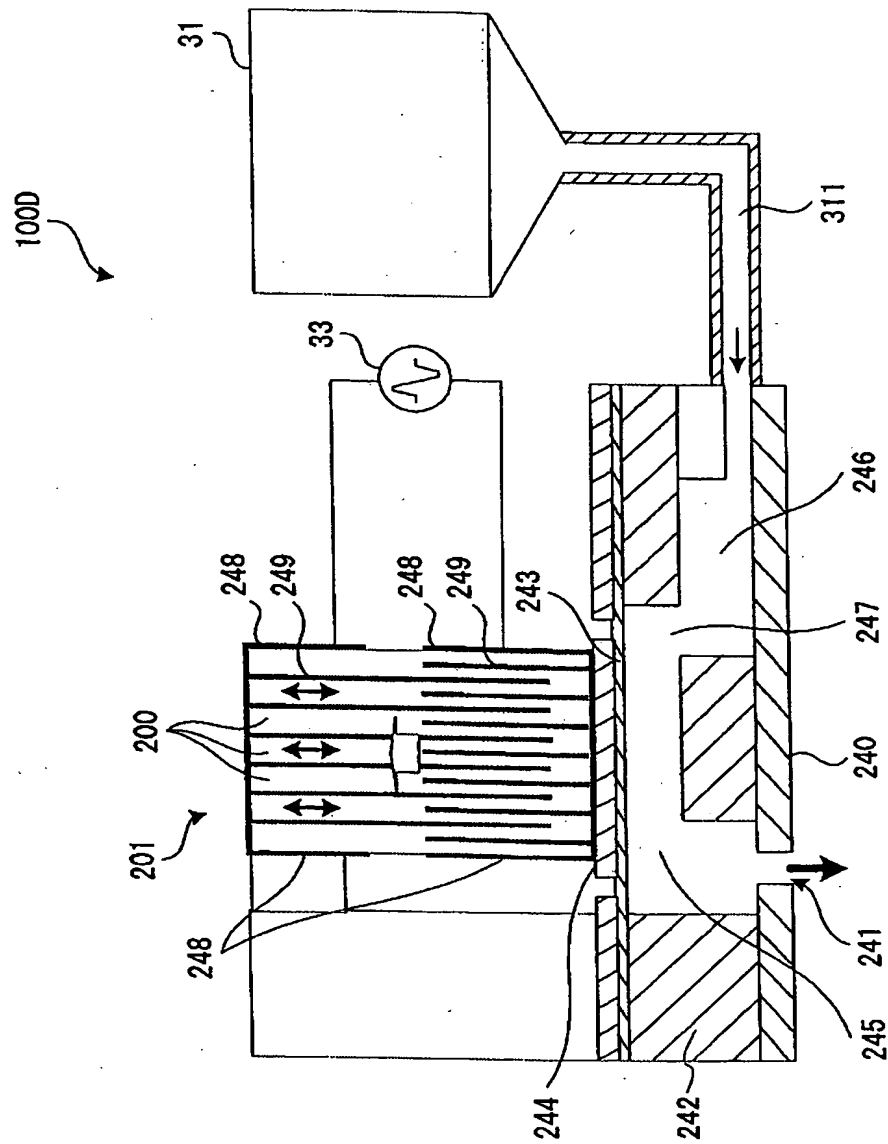


Fig. 37

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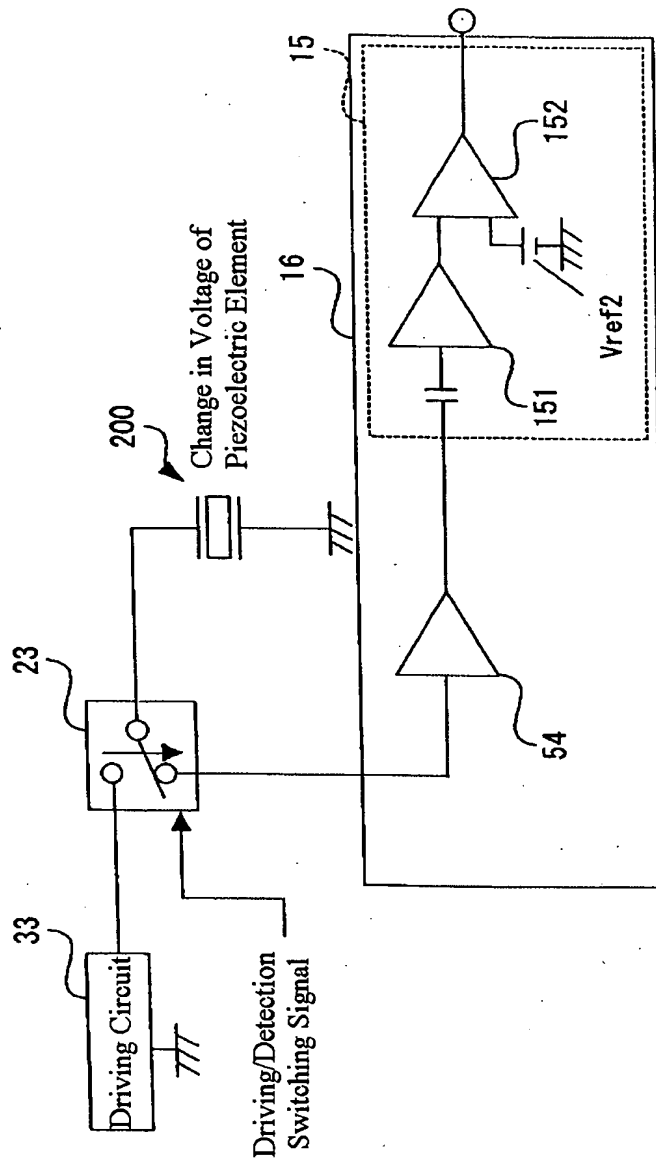


Fig. 38